

Serial No. 10/657,355

REMARKS

The Office action dated May 16, 2005 has been carefully considered.

Status of the Claims

Claims 1-31 are pending.

Claims 1-6, 8, 10, 11, 15, 16, 18-21, and 26-31 are allowed. The Applicants wish to thank the Examiner for indicating that these claims are allowed.

Claims 7, 9, 12-14, and 22-25 would be allowable if rewritten to overcome various objections.

Claim 7 is rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the enablement requirement. Claim 7 is canceled. Therefore, the rejection of claim 7 is now moot. Claims 12 and 22-25 are rejected under 35 U.S.C. § 112, second paragraph, allegedly for being indefinite.

Remarks on the Amendments to the Specification And Claims

Paragraph [0016] is amended to correct an obvious error in the formula of 1,3-divinyltetramethyldisiloxane in the step-3 reaction. No new matter has been added.

Paragraph [0023] is amended to correct a typographical error in the chemical name "silanolate." No new matter has been added.

Claim Objection

Claim 9 is objected to under 37 C.F.R. §1.75(c), as being of improper dependence to further limit the subject matter of the claim from which it depends. Claim 9 is canceled. Therefore, this object is now moot.

Claims 13, 14, 23, and 24 are objected to because the Examiner appears to believe that the silica filler must be treated with a compound that would introduce polymerizable

Serial No. 10/657,355

groups onto its surface. While such a suggested treatment would produce one helpful embodiment of silica, it is not necessary. The oxygen moiety on the surface of silica particles typically forms hydroxyl surface groups, which would react with many polymerizable groups in the monomers, oligomers, or prepolymers. Therefore, the Applicants respectfully submit that the recitation of "silica filler" in these claims is proper. Withdrawal of this objection is respectfully requested.

Claim 17 is objected to "because the structure of an 'aminosil[a]nolate' is not clear." Claim 17 is canceled. Therefore, this objection is now moot.

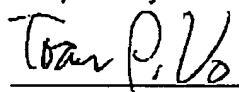
Claim Rejection Under 35 U.S.C. § 112, Second Paragraph

Claims 12 and 22-25 are rejected under 35 U.S.C. § 112, second paragraph, allegedly for being indefinite. Specifically, the Examiner opines that the term "high" as in "high refractive index" is indefinite. Claims 12 and 22-25 are amended to delete the recital of high refractive index. Therefore, this rejection is now overcome.

Claims 23-25 are rejected because there is no antecedent basis for "reinforcing component." These claims are amended to recite "strengthening agents" instead of "reinforcing component." Therefore, this rejection is now overcome.

In view of the above, it is submitted that the claims are patentable and in condition for allowance. Reconsideration of the rejection is requested. Allowance of the claims at an early date is solicited.

Respectfully submitted,



Toan P. Vo, Ph.D.
Attorney for the Applicants
Registration No. 43,225
Telephone: 585-338-8701

Bausch & Lomb, Incorporated
One Bausch & Lomb Place
Rochester, New York 14604
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